रजिस्ट्री सं. डी एल—33001/98 REGISTERED NO. DL—33001/98

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इस भाग में भिन्न पृष्ठ संख्या दी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके
[Separate paging is given to this Part in order that it may be filed as a separate compilation]

भाग III—खण्ड 2
[PART III—SECTION 2]

पेटेन्ट कार्यालय द्वारा जारी की गई पेटेन्टों और डिजाइनों से सम्बन्धित अधिसूचनाएं और नोटिस
[Notifications and Notices Issued by the Patent Office relating to Patents and Designs]

THE PATENT OFFICE

PATENTS AND DESIGNS

Calcutta, the 12th December 1998

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Telegraphic address "PATENTOFIC"

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Floor, 234/4, Acharya Jagadish
Bose Road, Calcutta-700 020.

Rest of India.

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All applications, notices, statements or other documents or any fees required by the Patents Act, 1970 or the Patents Rules, 1972 will be received only at the appropriate Offices of the Patent Office.

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पेटेंट कार्यालय

एकस्व तथा अभिकल्प

कलकत्ता, दिनांक 24 दिसम्बर 1998

पेटेंट कार्यालय के कार्यालयों के पते एवं क्षेत्राधिकार

पेटेंट कार्यालय का प्रधान कार्यालय कलकत्ता में अवस्थित है तथा मुम्बई, दिल्ली एवं चेन्नई में इसके शाखा कार्यालय हैं, जिनके प्रादेशिक क्षेत्राधिकार नीचे के अनुसार पर निम्न रूप में अवस्थित है :—

पेटेंट कार्यालय शाखा, टांडो इस्टेट,
तीसरा तल, लोअर परेल (प.),
मुम्बई-400 013.

गुजरात, महाराष्ट्र, मध्य प्रदेश
तथा गोआ राज्य क्षेत्र एवं संघ
शासित क्षेत्र, दमन तथा दीव एवं
दादर और नगर हवेली ।

तार पता-"पेटोफिस"

पेटेंट कार्यालय शाखा,
कमरा सं. 401 से 405, तीसरा तल
नगरपालिका बाजार भवन,
सरदारी मार्ग, करोल बाग,
नई दिल्ली-110 005.

हरियाणा, हिमाचल प्रदेश, जम्मू
तथा कश्मीर, पंजाब, राजस्थान,
उत्तर प्रदेश तथा दिल्ली राज्य
क्षेत्रों एवं संघ शासित क्षेत्र चंडीगढ़ ।

तार पता - "पेटेंटोक्लिक"

पेटेंट कार्यालय शाखा,
विंग सी (सी-4, ए)
तीसरा तल, राजाजी भवन बसन्त नगर,
चेन्नई-600090 ।

आन्ध्र प्रदेश, कर्नाटक, केरल, तमिलनाडु
तथा पाण्डिचेरी राज्य क्षेत्र एवं
संघ शासित क्षेत्र लक्षद्वीप, मिनिकाय
तथा एमिनिदिवि द्वीप ।

तार पता-"पेटेंटोफिस"

पेटेंट कार्यालय (प्रधान कार्यालय)
निजाम पैलेस, द्वितीय महल तनीय कार्यालय
भवन, 5, 6 तथा 7वां तल,
234/4, आचार्य जगदीश बोस मार्ग,
कलकत्ता-700 020.

भारत का अवशेष क्षेत्र ।

तार पता - "पेटेंटेस"

पेटेंट अधिनियम, 1970 या पेटेंट नियम, 1972 में अपेक्षित सभी आवेदन-पत्र सूचनाएं, विवरण या अन्य मूलेख पेटेंट कार्यालय के केवल उपयुक्त कार्यालय में ही प्राप्त किए जायेंगे ।

शुल्क : शुल्कों की अदायगी या तो नकद की जाएगी अथवा उपयुक्त कार्यालय में नियंत्रक को भुगतान योग्य धनादेश अथवा डाक आदेश या जहां उपयुक्त कार्यालय अवस्थित है, उस स्थान के अनुसूचित बैंक से नियंत्रक को भुगतान योग्य बैंक ड्राफ्ट अथवा बैंक द्वारा की जा सकती है ।

APPLICATION FOR THE PATENT FILED AT THE HEAD OFFICE, 234/4, ACHARYA JAGADISH BOSE ROAD, CALCUTTA-20

The dates shown in the crescent bracket are the dates claimed under section 135, under Patent Act, 1970.

21-10-1998

1862/Cal/98. Sri Sekhar Chandra Ray, "Open air chemical vapour deposition (OACVD) technique".

1863/Cal/98. Sunil Baran Kar, "Domestic fried rice machine-karfrice".

1864/Cal/98. Universidad Nacional Autonoma De Mexico, "Solar hexagonal silo". (Convention No. 977955 on 16-10-97 in Mexico).

1865/Cal/98. Australian Technology & Imentions Pty. Ltd., "Infant feeding system". (Convention No. PO 9897 on 21-10-97 in Australia).

1866/Cal/98. Borealis A/S. "Composition for electric cables". (Convention No. 9703844-2 on 22-10-97 in Sweden).

1867/Cal/98. Gerhard Gergely, "Effervescent Base".

1868/Cal/98. Hitachi Ltd., "Electric motor".

1869/Cal/98. Krup Fordertechnik GMBH. "Mining equipment for production of mining mass". (Convention No. 197487610 on 5-11-97 in Germany).

1870/Cal/98. Eaton Corporation, "Circuit breaker with sense bar to sense current from voltage drop across bimetal". (Convention No. 08/955,779 on 22-10-97 in U.S.A.).

1871/Cal/98. Eaton Corporation, "Vapor shield for vacuum interrupters". (Convention No 08/955,944 on 22-10-97 in U.S.A.).

1872/Cal/98. Indian Institute of Technology, "An apparatus for manufacture of moulded SAL leaf plate and a method thereof".

22-10-1998

1873/Cal/98. Zambon Group S.P.A., "Process for the recycle of a waste product of diltiazem synthesis". (Convention No. MI 97A002374 on 22-10-97 in Italy).

1874/Cal/98. Whirlpool Corporation, "A doubling shelf, particularly for domestic appliances, such as, refrigerators, freezers, ovens and the like" (Convention No. MI97U000892 on 12-12-97 in Italy).

1875/Cal/98. Foster Wheeler USA Corporation, 'Stud tension device for flange cover". (Convention No. 60/062,831 on 22-10-97 in U.S.A.).

1876/Cal/98. Ken Lee, "Human figure-shaped bone-ash jar".

1877/Cal/98. John K Junkers, "Nut, and device for tightening provided with the same". (Convention No. 08/957,618 on 24-10-97 in U.S.A.).

1878/Cal/98. Celanese Internation Corporation, "Sulfur removal process from an acrylate stream". (Convention No. 08/962,426 on 31-10-97 in U.S.A.).

1879/Cal/98. Celanese International Corporation, "Sulfur removal process from an acrylate waste stream". (Convention No. 08/961,596 on 31-10-97 in U.S.A.).

1880/Cal/98. ELI Lilly and Company, "Insoluble insulin compositions". (Convention No. 60/063,104 and 60/088/930 on 24-10-97 & 11-06-98 in U.S.A.).

1881/Cal/98. General Electric Company, "Method for preparing polymers by solid state polymerization".

1882/Cal/98. General Electric Company, "Copolycarbonate preparation by solid state polymerization".

1883/Cal/98. Werner Grabher, "Inserted lid box with said lid and process for the production of said lid".

1884/Cal/98. Matsushita Electric Industrial Co. Ltd., "Image signal data structure, image coding method, and image decoding method". (Convention No. HEI 9-301148 on 31-10-97 & 10-161096 on 9-6-98 in Japan).

1885/Cal/98. Hitachi Ltd., "File format conversion method and file system information processing system, electronic commerce system using the method". (Convention No. 09-293765 on 27-10-97 in Japan).

APPLICATIONS FOR PATENTS FILED AT THE PATENT OFFICE BRANCH, WING C (C-4 'A'), IIIRD FLOOR, RAJAJI BHAVAN, BESANT NAGAR, CHENNAI-600 090.

The 12th May 1998

1008/Mas/98. Thrissur Sankaranarayanan Seshadri. Environment friendly passenger and goods transportation by road ways (intra and inter cities, towns, villages etc.).

1009/Mas/98. Indian Institute of Technology. A bubble pump absorption cooler.

1010/Mas/98. Koithyam Kadangode Arun Krishnan. High azadirachtin neem oil and a process for its preparation.

1011/Mas/98. GNB Technologies, Inc. Sealed lead-acid cells and batteries.

1012/Mas/98. Reipur John. An apparatus for controling and power feeding a number of power-consuming parts.

1013/Mas/98. Shimano Inc. Apparatus for guiding a control cable. (May 1997; U.S.A.).

1014/Mas/98. Shimano Inc. Cable operated control apparatus. (May 1997; U.S.A.).

1015/Mas/98. Messer Griesheim GMBH. Partial or complete utilization of a pressurized-gas cylinder known per se for compressed, liquefied or dissolved gases. (May 20, 1997; Germany).

1016/Mas/98. Sumitomo Chemical Company Limited. Separation and purification method of T-butyl-methylphenol isomer. (May 13, 1997; Japan).

1017/Mas/98. Hoechst Aktiengesellschaft. Preparation having increased in vivo tolerability. (May 15, 1997; Germany).

The 13th May 1998

1018/Mas/98. A. P. Sunitha. Domestic power controller.

1019/Mas/98. Astra AB. New assay.

1020/Mas/98. Francis M. J. Removing the shell of dried arecanut.

1021/Mas/98. T. Muthu Ayyappan. Aquatic feeder.

1022/Mas/98. Japan Absorbent Technology Institute. Highly absorbent composite and method of making the same. (May 15, 1997; Japan).

1023/Mas/98. Teknoware Oy. Lighting fixture. (May 13, 1997; Finland).

1024/Mas/98. Qualcom Incorporated. Multiple antenna detecting and selecting. (May 13, 1997; U.S.A.).

1025/Mas/98. Sanofi. Novel triazole derivatives, process for their preparation and pharmaceutical compositions containing them. (May 13, 1997; France)

1026/Mas/98. Kinam Park. Hydrogel composites and superporous hydrogel composites having fast swelling, high mechanical strength and superabsorbent properties. (May 13, 1997; U.S.A.).

1027/Mas/98. Gopinath Venugopal (Dr. Gee Vee). Biotechnological fuel (BTF).

The 14th May 1998

1028/Mas/98. Antony Fernandez. Hydrocarbon fuel from waste materials.

1029/Mas/98. Antony Fernandez. Vegtryen.

1030/Mas/98. United Breweries Limited. A process for producing barley malt.

1031/Mas/98. United Breweries Limited. A high malting quality barley variety and a process for the production thereof.

1032/Mas/98. International Mobile Satellite Organization. Satellite communications apparatus and method. (May 14, 1997; United Kingdom).

1033/Mas/98. Rieter Ingolstadt Spinnerei Maschinenbau Aktiengesellschaft. A bearing for an opened spinning rotor.

1034/Mas/98. Kuraray Co. Ltd. Process for producing an all transform polyprenol.

1035/Mas/98. Kuraray Co. Ltd. Process and producing an all transform polyphenol.

1036/Mas/98. Tetra Laval Holdings & Finance SA. Printing ink-decorated packaging material in particular for aseptic packages. (May 14, 1997; Sweden).

1037/Mas/98. Tetra Laval Holdings & Finance SA. A method in the production of printing ink-decorated packaging material. (May 14, 1997; Sweden).

1038/Mas/98. Tetra Laval Holdings & Finance SA. A method of producing a printing ink-decorated packaging material. In particular for aseptic packages. (May 14, 1997; Sweden).

1039/Mas/98. Tetra Laval Holdings & Finance SA. A printing ink-decorated packaging material for aseptic packages, and a method of producing the same.

1040/Mas/98. Petroleo Brasileiro S.A. Highly resilient, non-structural floating roof for tanks for storing liquids. (May 15, 1997; Brazil).

1041/Mas/98. Lilly Industries (USA) Inc. Imindolacetonitrile mirror back coating corrosion inhibitor. (May 27, 1997; U.S.A.).

1042/Mas/98. Peter KA Kit Lee. Disposable urine collection bag. (April 2, 1998; Hong Kong).

1043/Mas/98. Air Products and Chemicals Inc. Pressure swing adsorption process with single adsorbent bed. (May 14, 1997; U.S.A.).

1044/Mas/98. Joslyn Manufacturing Co. Surge arrester having disconnector housed by end cap. (August 6, 1997; United States of America).

1045/Mas/98. Kimberly-Clark Worldwide Inc. Stabilized absorbent ma.erial and systems for personal care-products having controlled placement of visco-elastic fluids. (May 14, 1997; U.S.A.).

1046/Mas/98. Intenational Business Machines Corporation. Method and system for recovery in a partitioned shared nothing database system using virtual shared disks. (May 29, 1997; U.S.A.).

The 15th May 1998

1047/Mas/98. Morimura Kausan Kabushiki Kaisha. Mat for nursing bed and method for producing same. (September 19, 1997; Japan).

1048/Mas/98. Maschinenfabrik Reinhausen GmbH. Posi-tion reporting device for a movable component. (May 16, 1997; Germany).

1049/Mas/98. ECC International Inc. Seeding of aragonite calcium carbonate and the product thereof. (May 21, 1997; U.S.A.).

1050/Mas/98. Maschinenfabrik Rie er AG. A belt spooler. (May 16, 1997; Germany).

1051/Mas/98. Kimberly Clark Worldwide Inc. Breathable elastic film/nonwoven laminate. (May 30, 1997; U.S.A.).

1052/Mas/98. Mitsubishi Heavy Industries Ltd. Gasliquid contact apparatus. (May 23, 1997; Japan).

1053/Mas/98. Matsushita Electric Industrial Col. Ltd. Port-able telephone device. (May 23, 1997; Japan).

1054/Mas/98. Amsted Industries Incorporated. Coated roller chain pin. (August 25, 1997; United States of America).

The 18th May 1998

1055/Mas/98. E. T. Srinivas. An altered connecting rod and crank shaft assembly.

1056/Mas/98. Indian Institute of Technology. Electroless deposition of palladium or other metal on silicon substrate.

1057/Mas/98. Qualcom Incorporateed. A method of and apparatus for detecting and preventing message collisions in a communication system. (May 16, 1997; U.S.A.).

1058/Mas/98. NEC Corporation. Message management in wireless selective call receiver. (May 23, 1997; Japan).

1059/Mas/98. Robot-Coupe (S N C). Electrical apparatus for the thermal processing of food stuff (May 16, 1997; France).

1060/Mas/98. DSM N.V. Radiation-curable ink composition. (December 30, 1997; The Netherlands).

1061/Mas/98. Space Systems/Loral, Inc. Satellite imaging control system for non-repeatable error. (May 28, 1997; U.S.A.).

1062/Mas/98. Novo Nordisk Biotech Inc. Polypeptides having amino-peptidase activity and nucleic acids encoding same. (May 16, 1997; U.S.A.).

1063/Mas/98. (1) Novo Nordisk Biotech Inc.; (2) Novo Nordisk A/S. and (3) Asahi Chemical Industry Co. Ltd. Methods of producing protein hydrolysates. (May 6, 1997; U.S.A.).

1064/Mas/98. Novo Nordisk Biotech. Inc. Dipeptide Amino-ptidases and nucleic acids encoding same. (May 16, 1997; U.S.A.).

19th May 1998

1065/Mas/98. Rhodia Chime. Precipitated silic which can be used as a reinforcing filler for elastomers. (May 26, 1997; France).

1066/Mas/98. Zellweger Luwa AG, Device for registering parameters of an elongated test material.

1067/Mas/98. Qualcom Incorporated. Method and apparatus for optimization of a cellular network. (May 19, 1977; U.S.A.).

1068/Mas/98. Aptargroup Inc. Tamper-evident closure. (June 17, 1997; U.S.A.).

1069/Mas/98. Hoechst Research & Technology Deutschland GmbH & Co. KG. Process for preparing vinyl acetate. (May 22, 1997; Germany).

1070/Mas/98 Protechna S.A. Transport and storage con-tainer for liquids. (May 20, 1997; Germany).

20th May 1998

1071/Mas/98. Whitefield Chemtech Pvt. Ltd. A composition containing a pharamacologically and/or biologi-cally active plant extract suitable for administra-tion in a convenient dosage from useful for the treatment of hypercholes terolemia, mixed dyslip-demia, hypertriglyceri—demia and other clinical disorders associated with lipoprotein metabo-lism.

1072/Mas/98. Continental Aktiengesellschaft. Mould for moulding a ringshaped body, more especially a vehicle tyre. (May 27, 1997; Germany).

1073/Mas/98, Societe des Produits Nestle SA. Composition and method for providing nutrition to diabetics.

1074/Mas/98. Societe des Produits Nestle SA. Dextrane pro-duction.

1075/Mas/98. Alusuisse Technology & Management Ltd. Forms of packaging and packaging aid.

1076/Mas/98. Daiichi Pharmaceutical Co. Ltd. CIS-sub-stituted substituted aminocycloalkyl-pyrrolidine de-rivatives. (May 21, 1997; Japan).

1077/Mas/98. Welter's Co. Ltd. Rotary Circle drawing de-vice.

1078/Mas/98. Sentrachem Limited. The production of a food acid. (May 28, 1997; South Africa).

1079/Mas/98. Usinor, Process for manufacturing thin strip of ferritic stainless steel and thin strip thus obtained. (May 29, 1997; France).

21st May 1998

1080/Mas/98. Texas Instruments India Limited. System and method for executing a plurality of instructions in a processor having a pipeline.

1081/Mas/98. Texas Instruments India Limited. Method and system for buffering instructions in a processor.

1082/Mas/98. BASF Aktiengesellschaft. Fungicidal mixtures. (May 22, 1997; Germany).

1083/Mas/98. BASF Aktiengesellschaft. Fungicidal mixtures. (May 28, 1997; Germany).

1084/Mas/98. CSIR. Pharmaceutical compositions having appetitie suppressant activity.

1085/Mas/98. Trustees of Boston University. A method and system for distributed caching, prefetching and replication. (May 22, 1997; U.S.A.).

1086/Mas/98. Revlon Consumer Products Corporation. Method and compositions for decorating glass. (June 3, 1997; U.S.A.).

1087/Mas/98. Hoechst-Shering AgrEvo GmbH. Herbicidal compositions comprising N-[4, 6-dimethoxypyri-midin-2-yl) aminoc rbonyl]-5- methylsulfo-nami-domethly-2-alkoxycarbonyl benzenesulfonamides.

1088/Mas/98. International Business Machines Corporation. Network charge server. (June 4, 1997; Japan).

1089/Mas/98. DSM NV. Method for preparing melamine. (May 21, 1997; Netherlands).

1090/Mas/98. The Boots Company PLC. Process. (May 22, 1997; Great Britain).

22nd May 1998

1091/Mas/98 Atoma International Inc. Counter-balanced window regulator assembly.

1092/Mas/98. NV Raychem SA. Optical communications apparatus. (May 24, 1997; Great Britain).

1093/Mas/98. Mobil Oil Corporation. Benzene conversion in an improved gasoline upgrading process. (May 23, 1997; U.S.A.).

1094/Mas/98. Mobil Oil Corporation. Hydrocarbon upgrading process. (May 23, 1997 U.S.A.).

1095/Mas/98. Ciba Speciality Chemicals Holding Inc. Triazinylaminostilbene compounds. (May 23, 1997; Great Britain).

1096/Mas/98. Gersan Establishment. Marking diamond. (May 23, 1997; United Kingdom).

1097/Mas/98. Gersan Establishment. Diamond Marking. (May 23, 1997; United Kingdom).

1098/Mas/98. Matsushita Electric Industrial Co., Ltd. Liquid crystal display device. (May 23, 1997; Japan).

1099/Mas98. The Dow Chemical Company. Polymer polyol compositions having grafted unsaturated cid salt and their use in the preparation of polyurethane foams. (May 23 1997; United Kingdom).

1100/Mas/98. The Dow Chemical Company. Solid state devolatilization of syndiotactic vinyl aromatic polymers wih catalyst deactvation. (May 23, 1997; U.S.A.).

1101/Mas/98. Netlon India. A printing ink for use in flexographic printing and a process of preparing the same.

1102/Mas/98. Netlon India. A flexographic printing process and machine for durable and legible printing of flat articles of polyolefin.

1103/Mas/98. Netlon India. A corona treater for increased surface activation of flat articles of polyolefin.

ALTERATION OF DATE UNDER SECTION-16

182080 (1033/Cal/96).—1st June, 1992.

COMPLETE SPECIFICATION ACCEPTED

Notice is hereby given that any person interested in opposing the grant of patents on any of the Applications concerned, may, at any time within four months of the date of this issue or within such further period not exceeding one month applied for on Form-14 prescribed under the Patents Rules, 1972 before the expiry of the said period of four months, given notice to the Controller of Patents at the appropriate office on the prescribed Form-15, of such opposition. The written statement of opposition should be filed alongwith the said notice or within one month of its date as prescribed in Rule 36 of the Patents Rules, 1972.

The classifications given below in respect of each specification are according to Indian Classification and International Classification.

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स्वीकृत सम्पूर्ण विनिर्देश

एतद्द्वारा यह सूचना दी जाती है कि सम्बद्ध आवेदनों में से किसी पर पेटेंट अनुदान के विरोध करने के इच्छुक कोई व्यक्ति, इसके निर्गम की तिथि से चार (4) महीने या अधिक ऐसी अवधि जो उक्त 4 महीने की अवधि की समाप्ति के पूर्व पेटेंट नियम, 1972 के तहत विहित प्रपत्र 14 पर आवेदित एक महीने की अवधि से अधिक न हो, के भीतर कभी भी नियंत्रक, एफस्व को उपयुक्त कार्यालय में ऐसे विरोध की सूचना विहित प्रपत्र 15 पर दे सकते हैं। विरोध संबंधी लिखित वक्तव्य उक्त सूचना के साथ अथवा पेटेंट नियम, 1972 के नियम 36 में यथा विहित इसकी तिथि के एक महीने के भीतर ही फाइल किए जाने चाहिए।

"प्रत्येक विनिर्देश के संदर्भ में नीचे दिए वर्गीकरण, भारतीय वर्गीकरण तथा अन्तर राष्ट्रीय वर्गीकरण के अनुरूप है।"

रूपांकन (चित्र आरेखों) की फोटो प्रतियां यदि कोई हो, के साथ विनिर्देशों का अंकित अथवा फोटो प्रतियों की आपूर्ति पेटेंट कार्यालय, कलकत्ता अथवा उपयुक्त शाखा कार्यालय द्वारा विहित लिप्यान्तरण प्रभार जिसे उक्त कार्यालय से पत्र व्यवहार द्वारा सुनिश्चित करने के उपरांत उसकी अदायगी पर की जा सकती है। विनिर्देश की पृष्ठ संख्या के साथ प्रत्येक स्वीकृत विनिर्देश के सामने नीचे वर्णित चित्र आरेख कागजों को जोड़कर उसे 2 से गुणा करके, (क्योंकि प्रत्येक पृष्ठ का लिप्यान्तरण प्रभार 2/- रु. है) फोटो लिप्यान्तरण प्रभार का परिकलन किया जा सकता है।

Ind. Cl. : 93 182071

Int. Cl. : B 01 J 2/02.

APPARATUS FOR MANUFACTURING GRANULATED MATERIAL.

Applicant : SANTRADE LTD., OF ALPENQUAI 12, 6002 LUZERN, SWITZERLAND.

Inventors :
REINHARD FROESCHKE
DR. AXEL KONIG

Application No. : 246/Cal/1994 filed on 11th April, 1994.

Appropriate Office for Opposition Proceedings (Rule 4, Patents, Rules, 1972), Patent Office Calcutta.

19 Claims

Apparatus for manufacturing granulated material from free-flowing viscous substances that are made into drops and solidify or gel, consisting of vessel (20) charged with free-flowing substance, with discharge openings (21) that are intermittently opened or closed by a perforated (22) belt (1) that is periodically moved past them, characterized in that the discharge openings (21) are formed by a plurality of rows of openings (21), arranged transverse to the travel direction (6) of the belt (1), which are respectively so staggered in respect of one another that their cross-sectional area over which the perforation openings (22) of the belt (1) travel is always the same size regardless of the position of the movement track of the perforation openings (22).

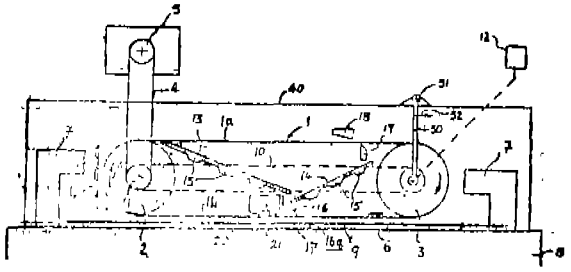


Fig 1

(Compl. Specn. : 18 pages; Drgns. . 3 sheets.)

Ind. Cl. : 206 C 182072

Int. Cl. : H 04 B 7/26.

MOBILE RADIO SYSTEM.

Applicant : MATSUSHITA ELECTRIC INDUSTRIAL CO. LTD., OF 1006, OAZA KADOMA, KADOMA-SHI, OSAKA, JAPAN.

Inventors :
NOBUO ASANO
IZUMI HORIKAWA

Application No. : 544/Cal/1994 filed on 11th July, 1994.

Appropriate Office for Opposition Proceedings (Rule 4, Patents, Rules, 1972), Patent Office Calcutta.

1 Claim

A mobile radio system having a base station and a plurality of mobile radio apparatus, each said mobile radio apparatus comprising :

an antenna;

a transmitter unit connected to said antenna for transmitting data in the form of radio waves;

a CPU for controlling said mobile radio apparatus and monitoring the status of the hardware of said mobile radio apparatus; and

a CPU monitor unit for monitoring any abnormalities of said CPU;

said CPU regularly monitors and checks for any abnormalities of the hardware of said mobile radio apparatus said CPU monitor unit regularly monitors and checks for any abnormalities of said CPU, and if one of said CPU and said CPU monitor unit detects an abnormality, a signal for preventing a radio wave output is supplied to said transmitter unit by said one of said CPU and said CPU monitor unit, and

said base station comprising;

a base station antenna;

a base station transmitter unit connected to said base station antenna to transmit data to said mobile radio apparatus in the form of radio waves;

a base station receiver unit connected to said base station antenna to receive data transmitted by said mobile-radio apparatus;

a mobile apparatus monitor unit for transmitting a signal for preventing the radio wave output of a mobile radio apparatus if said base station detects that said mobile radio apparatus is abnormal; and

a control CPU which controls said transmitter unit, said mobile apparatus monitor unit and said base station receiver unit.

FIG. 1

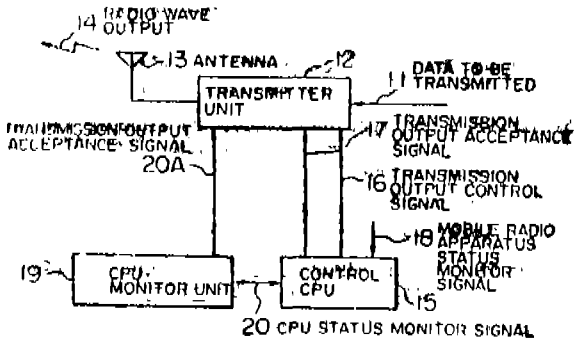
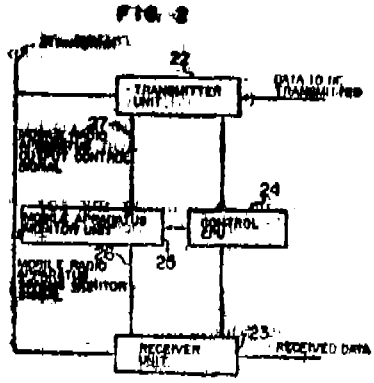


FIG. 2



(Compl. Specn. : 13 pages Drgns. : 2 sheets.)

Ind. Cl. : 6 B2 182073

Int. Cl. : B01 D 53/00, 53/08.

METHOD AN DA CIRCULATING FLUIDIZED BED REACTOR FOR COOLING AND/OR CLEANING HOT PROCESS GASES.

Applicant : A. AHLSTROM CORPORATION, OF SF-29600 NOORMARKKU FINLAND AND HISMELT CORPORATION PTY LTD., OF PO BOX 755, LEATH ROAD KWINANA WA 6167 AUSTRALIA.

Inventors : TIMO HYPPANEN.

Application No. 437/Cal/1994 filed on 10th June, 1994.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Calcutta.

14 Claims

A method for cooling and/or cleaning hot process gases, such as herein described, produced in high temperature process in a circulating fluidised bed reactor, wherein

the hot process gases are fed into a mixing chamber via an inlet means therefor :

hot process gases, so fed, are caused to be mixed with solids in said mixing chamber of the reactor in a circulating mass to form gas solids suspension;

said gas solids suspension is caused to be fed from the mixing chamber to a particle separator via a riser or a duct arranged on top of the mixing chamber, which is in communication therewith;

the solids are caused to be separated from said gas solids suspension in the said particle separator;

said process gas free of solids is caused to be removed via a gas outlet; and

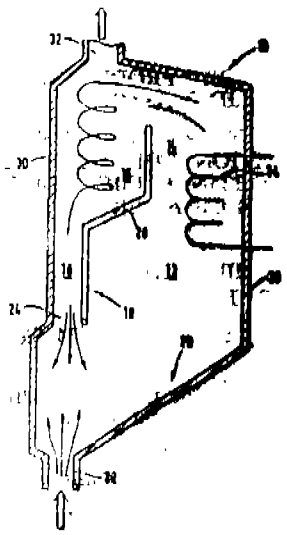
the solids, thus separated in the particle separator, are caused to be returned via a solid return duct,

characterised in that

at least a portion of the solids returning to the mixing chamber is conducted thereto as a substantially downwardly directed solids flow; and that

the hot process gas is conducted to the mixing chamber, as a flow of gas which is directed substantially upwardly and towards the flow of solids so that the flows of solids and gas contact.

FIG. 1



Compl. Specn. : 18 pages Drgns : 3 sheets

Cl. : 194 (C—6C) 182074

Int. Cl. : H01 J 9/02.

METAL HALIDE DISCHARGE LAMP FOR PHOTO-OPTICAL PURPOSES.

Applicant : PATENT-TREUHAND-GLUEHLAMPEN F. ELEKTRISCHE GLUEHLAMPEN MBH, OF HELLABRUNNER STR. 1 81543 MUENCHEN GERMANY.

Inventors :
DR. JURGEN MAIER
ANNA-MARIA BREY
MANFRED PILSAK
RALF SEEDORF
CLEMENS BARTHELMES
THOMAS DITTRICH

Application No. : 517/Cal/1994 filed on 1st July, 1994.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office Calcutta.

10 Claims

Metal halide discharge lamp for photo-optical purposes having a transpatent discharge tube (2) which contains an aluminium-containing filling, in which two electrodes (4) which are connected to current leads (8a, 8b), led to the outside face each other, characterized by the following features;

the filling contains the following components :

0.1-4.5 mg/cm³ AlI₃ 0-2.0 mg/cm³ halides (Ha) of indium (InHa) and/or mercury (HgHa)

the electrode separation amounts to a maximum 15mm

the colour temperature amount to at least 5,000 K.

Compl. Specn. : 12 pages Drgns. : 8 sheets

Cl. : 206 B. 182075

Int. Cl. : H 04 B 15/00.

CIRCUITRY FOR COMPENSATING A RECEIVER OF A RADIO SYSTEM FOR FADING OF SIGNALS PROPAGATING FROM AT LEAST ONE TRANSMITTER.

Applicant : CLENAYRE ELECTRONICS INC OF 5935 CARNEGIE BOULEVARD, CHARLOTTE, NORTH CAROLINA 28209 UNITED STATES OF AMERICA.

Inventors :
ROBERT FRANK MARCHETTO
TODD ALAN STEWART
PAUL KAR-MING HO

Application No. : 525/Cal/1994 filed on 4th July, 1994.

(Convention Application No. 2, 109737 on 23-11-1993 in Canada).

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Calcutta.

6 Claims

Circuitry (36) for compensating a receiver (40) of a radio system for fading of signals propagating as frames of data from at least one transmitter (42) that includes pilot symbol generation circuitry (46) that provides a predetermined plurality of pilot symbols (174) in each frame (170) of data transmitted to the receiver, said circuitry being characterised by :

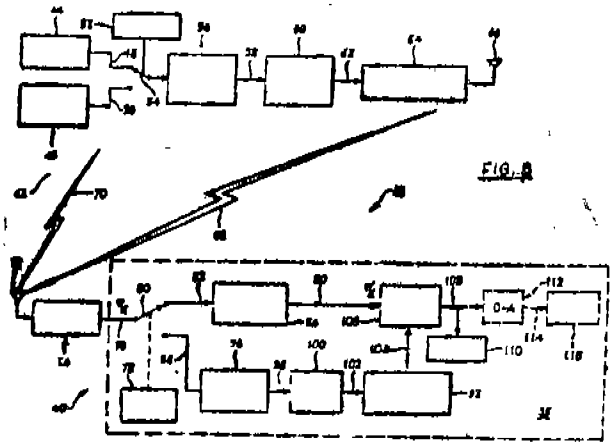
a. separating means (78,80) coupled to the receiver for input of a received signal, for separating the plurality of pilot symbols from a plurality of data symbols in each frame of data, producing a pilot symbol signal comprising said plurality of pilot symbols and a data signal comprising said plurality of data symbols, said pilot signal and said data signal being separate from each other;

b. delay means (84) coupled to said separating means to receive the data signal, for delaying the data signal from a current frame until after the pilot symbol signal from at least one subsequent frame is received, said delay means thereby producing a delayed data signal;

c. a channel estimator block (96) coupled to the separating means to receive the pilot symbol signal, for determining an estimated channel impulse response for the plurality of pilot symbols in each frame of received signals;

d. interpolation means (92) coupled to the channel estimator block (96) to receive the estimated channel impulse response for each frame of data and including a buffer storage (100) for storing an estimated channel impulse response from at least one prior frame, said interpolation means interpolating values of the estimated channel impulse response between the current and prior frames to determine, as a function of channel characteristics, an interpolated channl impulse response for each data symbol in a frame, and (e) decoder means (106), coupled to the interpolation means (92) to receive the interpolated channel impulse response and the delayed data signal, for recovering the data transmitted to the receiver as a function of the interpolated

channel impulse response and the delayeed data signal, thereby substantially compensating for fading and interference in the received signals.



Compl. Specn. : 28 pages Drgns. : 8 sheets

Cl. : 194 C 1 182076

Int. Cl. : H 01 J 29/26.

CRT DEVELOPING APPARATUS.

Applicant : THOMSIN CONSUMER ELECTRONICS INC., OF 600 NORTH SHERMAN DRIVE, INDIANAPOLIS, INDIANA, 46201 UNITED STATES OF AMERICA.

Inventors :
GEORGE HERBERT NEEDHAM RIDDLE,
PABITRA DATTA,
RONALD NORMEN FRIEL,
DENNIS ROBERT MCCARTHY,
JOHN JOSEPH MOSCONY,
EUGENE SAMUEL POLINIAK,
PETER MICHAEL RITT,
ROBERT EDWARD SIMMS,
CARL CHARLES STEINMETZ,
HARRY ROBERT STORK,
CHARLES MICHAEL WETZEL.

Application No. : 651/Cal/1994 filed on 12-08-1994.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Calcutta.

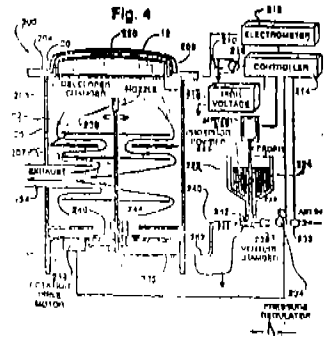
24 Claims

A CRT developing apparatus (200, 300) for developing with suitably triboelectrically-charged, dry-powered, screen structure material, an electrostatic laten image formed on a photoreceptor which is disposed on an interior surface of a faceplate (18) panel of a CRT (10), said apparatus comprising :

a developing chamber (202, 302) having an insulative support surface (204) for supporting said faceplate panel,

a screen structure material reservoir (222) for storing deagglomerating and feeding said material, and

a triboelectric gun assembly (236, 336) within said chamber communicating with said reservoir and having triboelectric charging means (240, 337, 339) for imparting a desired charge polarity to said screen structure material said gun assembly having at least one material dispersing means (238, 239), spaced from said support surface, for distributing said charged screen structure material for deposition onto said latent image.



(Compl. Specns : 20 pages; Drgns. : 3 Sheets)

Cl. : 32 F 3 (c) 182077

Int. Cl. : C 12 F 3/08.

A METHOD FOR PRODUCING ETHANOL FROM MUNICIPAL SOLID WASTE.

Applicant : CONTROLLED ENVIRONMENTAL SYSTEM CORPORATION, OF ONE PERIMETER PARK SOUTH, SUITE 325N BIRMINGHAM, ALABAMA 35243 UNITED STATES OF AMERICA.

Inventors :
RODGER CHIEFFALO,
GEORGE R. LIGHTSEY.

Application No. : 1053/Cal/1994 filed on 16th December, 1994.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Calcutta.

17 Claims

A method for producing ethanol from municipal solid waste, such as herein described, comprising the following steps :

(a) providing municipal solid waste;

(b) removing tires, bulk ferrous and non-ferrous metals, plastic, glass and rubber from the waste to give a cellulosic component;

(c) shredding the cellulosic component obtained in step (b);

(d) treating the shredded cellulosic component obtained in step (c) with about 1 : 1 concentrated sulfuric acid to solid component, by weight, to give a partially hydrolyzed mixture; such as herein described;

(e) diluting the partially hydrolyzed mixture obtained in step (d) with water at a temperature of about 80 to 100°C;

(f) agitating the diluted mixture obtained in step (e) at about 80 to 100°C to give a digested material;

(g) removing the solids from the digested mixture obtained in step (f) to give a filtrate;

(h) separating in the manner such as herein described, the filtrate into an acid containing solution and a sugar containing solution;

(i) concentrating the sugar solution to about 12-14% sugar;

(j) adjusting the pH of the concentrated sugar containing solution obtained in step (i) to about 6;

(k) fermenting with yeast the solution obtained in st.. (j) to give a beer; and

(l) recovering the ethanol from the beer obtained in step (k).

(Compl. Specns. : 77 pages; Drgns. : 1 Shee

Cl. : 94 A 182078
62 C 3
32 F 2(b)

Int. Cl. : C 09 B 48/00, 67/52.

A PROCESS FOR OBTAINING A PIGMENT, MIXED-CRYSTAL PIGMENT OR PIGMENT PREPARATION BASED ON LINEAR, UNSUBSTITUTED OR SUBSTITUTED QUINACRIDONES OF A DESIRED FINENESS.

Applicant : HOECHST AKTIENGESELLSCHAFT, OF D-65926 FRANKFURT AM MAIN, GERMANY.

Inventor : MANFRED URBAN.

Application No. : 39/Cal/1995 filed on 16th January, 1995.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Calcutta.

12 Claims

A process for obtaining a pigment, mixed-crystal pigment or pigment preparation based on linear, unsubstituted or substituted quinacridones of a desired fineness which comprises initially wet-milling the coarsely crystalline crude pigment in a liquid aqueous, aqueous-organic medium such as herein described at a temperature in the range of 0° to 100°C in a stirred ball mill such as herein described which is operated at a power density of more than 2.5 kw per ltr. of milling space and a peripheral stirrer speed of more than 12m/s under the action of grinding media having a diameter of less than or equal to 0.9mm, until the desired degree of fine division is reached, and then isolating the resulting pigment in a conventional manner, optionally subjecting the resulting prepigment to solvent treatment at a temperature of from 50 to 200°C and then isolating the pigment is a conventional manner, followed by optionally adding at any desired point in time during the course of the process, one or more pigment dispersing agents as herein described in between 0.1 and 25% by weight.

(Compl. Specns. : 33 pages; Drgns. :Nil)

Cl. : 116 G 182079

Int. Cl. : B 23 Q 3/06.

HYDRAULIC THREADED-BOLT CLAMPING DEVICE.

Applicant & Inventors : FRANK HOHMANN OF BEETHOVENSTR. 9.59581 WARSTEIN GERMANY.
AND
JORG HOHMANN OF HUBERTUSWEG 11, 59581 WARSTEIN, GERMANY.

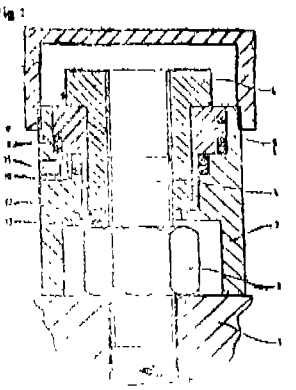
Application No. : 59/Cal/1995 filed on 20th January, 1995.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Calcutta.

14 Claims

Hydroulic threaded-bolt clamping device having a cylinder (7) supported on a machine part (1) which is to be clamped by a threaded bolt (2) with a nut (3), the clamping device comprises a piston (8) which is guided in said cylinder in a sealed manner and is supported on a threaded bushing (5) which is screwed onto a thread end (4) of the threaded bolt (2), characterised in that the clamping device being provided with protection means which prevents parts of the device from being thrown off in the event of a break under load, protection means comprises additional holding elements (12, 14, 15, 17, 20, 26, 32, 33) which are mounted on the cylinder (7) or on the piston (8) or in the nut (3) and in the event of the threaded bushing being torn off, cooperate with the underside of the threaded bushing (5) or with the nut (3) a cap (16) which closes off the cylinder (7) above the piston (8).

Fig 1



(Compl. Specns. : 14 pages; Drgns. : 6 Sheets)

Cl. : 32 F 3 (b) 182080
40 B

Int. : Cl. : B 01 J 23/44
C 07 C 67/05, 67/055.

A PROCESS FOR THE PREPARATION OF VINYL ACETATE.

Applicant : HOECHST AKTIENGESELLSCHAFT, OF D-65926, FRANKFURT AM MAIN, 80, FEDERAL REPUBLIC OF GERMANY.

Inventors :
PETER WIRTZ,
KARL-FRED WORNER,
FRIEDRICH WUNDER,
KLAUS EICHLER,
GUNTER ROSCHER,
IOAN NICOLAV.

Application No. : 1033/Cal/1996 filed on 5th June, 1996.

(Divided out of No. 386/Cal/92 antidated to 01-06-1992).

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Calcutta.

2 Claims

A process for the preparation of vinyl acetate by passing acetic acid, ethylene and oxygen or oxygen-containing gases such as herein described at temperature of 100-200°C and pressure of 1-25 bar over a catalyst containing palladium and/or compounds thereof and alkali metal compounds, and additionally cadmium compounds and, or gold and or compounds thereof, on support particles which have been passed from SiO_2 or an SiO_2-Al_2O_3 mixture with the aid of binder comprising one or more Li, Mg, Al, Zn, Fe, or Mn salts of a C_2-C_{28}-carboxylic acid and have subsequently been roasted in oxygen-containing gases at 500-900°C for a period of 0.25-5 hours, and thereafter have a surface area of 50-250m^2/g and a pore volume of 0.4-1.2ml/g at a particle size of 1-15mm, 5-20% of the pore volume being formed by pores having a radius of 200-3000 A and 50-90% of the pore volume being formed by pores having a radius of 70-100 A.

(Compl Specns : 15 pages; Drgns. : Nil)

Ind. Cl. : 40 F 182081

Int. Cl.[4] : C 08 G - 71/00

DEVICE FOR THE CONTINUOUS MANFACTURE OF SLABSTOCK POLYURETHANE FOAM.

Applicant : RECTICEL HOLDING NOORD BV, A COMPANY ORGANIZED UNRER THE LAWS OF THE NETHERLANDS, OF SPOORSTRAAT 60, 4041 CL KESTEREN THE NETHERLANDS AND BRAIN JAMES BLACKWELL, A BRITISH NATIONAL, OF WENTWORTH COLLAR HOUSE DRIVE, PRESTBURY SK 10 4AP, CHESHIRE, UNITED KINGDOM.

Inventors :

1. BLACKWELL BRIAN JAMES, U. K.
2. MORTELMANS RUDI, BELGIUM
3. PAUW HENDRIK, THE NETHERLANDS
4. EVERS ROBERTUS HENDRIKUS, THE NETHERLANDS.

Application No. 346/Mas/93 filed on 20th May, 1993.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Chennai Branch.

19 Claims

A device for the continuous manufacture of slabstock polyurethane foam comprising conveyor means (1), a mixing head (51) for mixing polyurethane reaction components containing a blowing agent, means (6) for discharging said reaction mixture onto said conveyor means (1) and means (44) for driving said conveyor means, characterised in that said device comprises moreover a start board (7) and a stop board (8), means for positioning said start board transversely onto said conveyor means (1) near the place of discharge of said reaction mixture at the beginning of a production run, means for moving the start board (7) along said conveyor means (1) in such a manner that the start board (7) obstructs, in a first phase, the reaction mixture moving over said conveyor means (1) to thereby increase the height of the front portion of the produce slabstock polyurethane foam more particularly so that this front portion will substantially have the same height as a subsequent portion after full rise expansion, and in such a manner that it moves, in a second phase, substantially at the same speed as said conveyor means (1), means for removing the start board (7) from said conveyor means (1) after the front portion of the produced foam retains sufficiently its shape, means for positioning the stop board (8) transversely onto said conveyor means (1) near the place of discharge of said reaction mixture after the reaction mixture discharge is stopped, means for moving the stop board (8) along said conveyor means after the positioning of said stop board (8) so as to push the foaming reaction mixture ahead relative to said conveyor means (1) to thereby increase the height of the end portion of the produced slabstock polyurethane foam, more particularly in such a manner that this end portion will have substantially the same height as a previous portion after full rise expansion.

Agent: De Penning & De Penning.

(Com. 23 Pages; Drwgs. 4 Sheets)

Ind. Cl. : 23-H 182082

Int. Cl.[4] : G 06 K 15/00

A HOLDER FOR HOLDING A PLURALITY OF SHEETS.

Applicant : LECH ISAC, AN ISRAELI CITIZEN OF 24 HABANAY STREET, 96264 JERUSALEM, ISRAEL.

Inventor : LEAH ISAC, ISRAELI.

Application No. 355/Mas/93 filed on 21st May, 1993.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Chennai Branch

10 Claims

A holder for holding a plurality of sheets formed with alignable holes, the said holder comprising a backing member, and at least two cord means (10, 12) terminating in a pair of mating connections, connectible together after having been passed through holes of the said sheets to secure the sheets together, the said cord means having an opposite end secured to a length varying means to vary the length of the cord means according to the number of sheets to be secured.

Agent: De Penning & De Penning.

(Com. 12 Pages; Drwgs. 2 Sheets)

Ind. Cl. : 172 C 4 182083

Int. Cl.[4] : D 01 H 5/00

"A DRAFTING ARRANGEMENT FOR AIR-JET APINNING MACHINES".

Applicant : MASCHINENFABRIK RIETER AG OF CH-8406 WINTERTHUR SWITZERLAND A SWISS COMPANY.

Inventors :

1. DR. STALDER HERBERT
2. OEGGERLI WERNER
   BOTH ARE SWISS CITIZENS

Application No. : 540/Mas/93 filed on 4th August, 1993.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Chennai Branch.

14 Claims

A drafting arrangement for air-jet spinning machines comprising a pair of input rollers (11, 12), a subsequent pair of middle rollers (13, 14) which preferably carries a pair of aprons (15, 16) and a pair of delivery rollers (17, 18) subsequent threto for delivering a preferably untwisted sliver (19) to a spinning nozzle (20), operating with an air vortex (28), the driven lower rollers (11, 13, 17) being made from elastomere material such as rubber, characterized in that the lower delivery roller (17) is provided with a cannelure (22) which extends at least substantially parallel to the roller axis (21) and whose radial outer surfaces (23) are

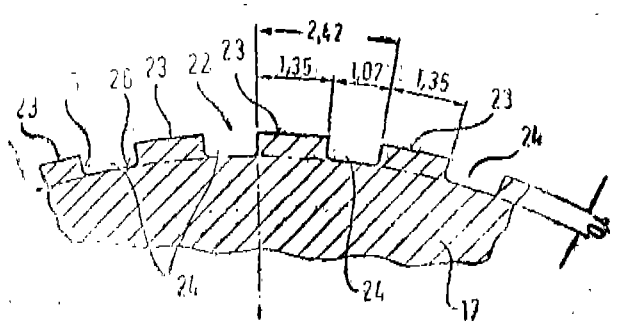
— concentrically circularly cylindrical to the roller axis (21)

— smooth and

— longer than the intermediate recesses (24) in the circumferential direction;

Ref. : EP 0359277

Agent : De Penning & De Penning



(Com. : 11 pages; Drwgs. . 2 sheets)

Int. Cl. 98-I 182084

Int. Cl.[1] : F 24 J 3/06

"AN IMPROVED SOLAR HEATER".

Applicant : PLANTERS ENERGY NETWORK, A REGISTERED SOCIETY OF 171/2, M. K. UNIVERSITY ROAD, RAJAMBADI, MADURAI KAMRAJ UNIVERSITY P.O., MADURAI-625 021 TAMIL NADU, INDIA.

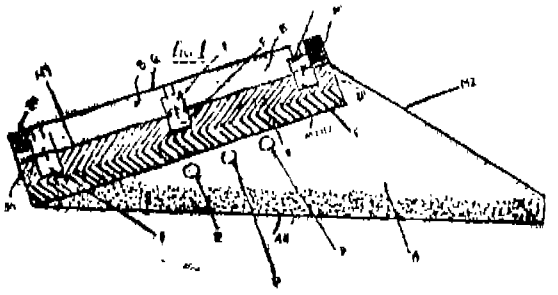
Inventor : DR. CHIDAMBARAM PALANIAPPAN, INDIA.

Application No. : 550/Mas/93 filed on 6 h August, 19993.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Chennai Branch.

6 Claims

An improved solar heater comprising first and second gabled metal roof members (M_1 and M_2) with an attic A beneath them, a base of the attic being heat insulated, while the top surface of the said first member M_1 is provided with a dull black heat-absorbent coating and its bottom surface is heat-insulated; a plurality of closely juxtaposed, air-tight boxes B being provided with a frame F resting on the top surface of the said first member M_1, the top of each of said boxes being covered with a transparent glass sheet G, while the sides of the boxes are heat-insulated; a plurality of ducts being provided for sending atmospheric air to be heated into the attic and then into each of the boxes and an insulated storage T connected to said boxes being provided to store the hot air for use in the night time.



(Com. 10 Pages; Drwgs. 3 Sheets)

Ind. Cl. : 11-C 18 085

Int. Cl.[1] : A 01 K-41/00.

AN APPARATUS FOR IMPROVING THE YIELD OF HATCHLINGS FROM EGGS.

Applicant : THE MARMON CORPORATION OF CANADA, LTD. (A CORPORATION OF THE PROVINCE OF ONTARIO) OF 756 BISHOP STREET, NORTH CAMBRIDGE, ONTARIO N3H 424, CANADA.

Inventors :

1. MATHEW R FOSTER
2. BRUCE GREENLESS
3. IAN J. H. DUNCAN.

All Canadian Nationalities.

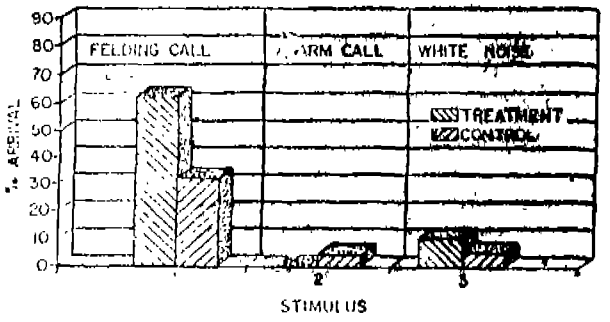
Application No. 627/Mas/93 filed on 8th September, 1993.

Appropriate Office for Opposition Proceedings (Rule 4 Patents Rules, 1972), Patent Office, Chennai Branch.

2 Claims

An apparatus for improving the yield of hatchlings from eggs incubated and hatched under artificial conditions comprising a conventional inventor provided with at least one recorder having stored recorded sounds gnrated during natural incubator and hatching environments provided with replaying means coupled to at least one speaker and a first exposing eggs in the incubator to the sound recordings of natural incubation stages coupled with a second exposing means for exposing the incubated eggs to the natural hatching sound recording over a prepetermined period.

Agent : DE PENNING & DE PENNING.



(Compl. Specn. 21 pages; Drwgs. 5 sheets.)

Ind. Cl. : 187 E4 182086

Int. Cl.[1] . H 04 M 1/20, 1/42.

NOISE REDUCTION APPARATUS FOR TELEPHONES AND BOOM MICROPHONES.

Applicant : ANDREA ELECTRONICS CORPORATION 11—40 45TH ROAD, LONG ISLAND CITY NEW YORK-11101, USA.

Inventors :

1. DOUGLAS ANDREA
2. MARTIN TOPF, USA.

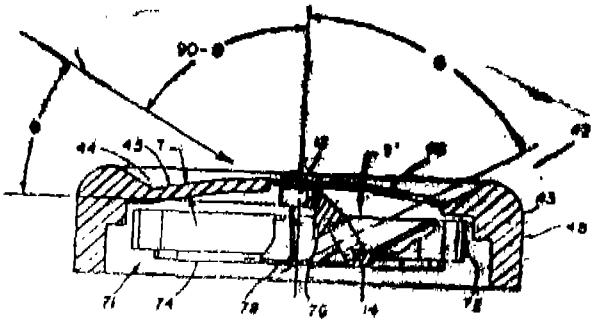
Application No. 648/Mas/1993 filed on 15th September 1993

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules 1972), Patent Office, Chennai Branch.

15 Claims

A noise reduction apparatus for telephones, and boom microphones comprising :

A housing having first microphone means for receiving a first acoustic sound composed of speech originating from an operator operating said apparatus and background noise, and for coverting said first acoustic sound to a first signal, and second microphone means located at a predetermined angle 8 with respect to said firs microphone means for receiving a second acoustic sound compesed of substantially said background noise and for converting said second acoustid sound to a second signal; and means for substracting said second signal from said first signal so as to obtain a signal representing substantially said speech.



(Compl. Specn. 31 pages) Drwgs. 6 sh

Ind. Cl. : 128 A 182087

Int. Cl.[4] : A 61 F 13/20.

AN INTERLABIAL SANITARY PAD AND A METHOD OF MAKING THE SAME.

Applicant : KIMBERLY-CLARK CORPORATION, A CORPORATION OF THE STATE OF DELAWARE, USA OF 401 NORTH LAKE STREET, NEENAH, WISCONSIN 54956, U.S.A.

Inventors :

1. JOHN PHILIP VUKOS
2. RANDY EMIL MEIROWITZ.

Both are US Citizens.

Application No. : 672/Mas/93 filed on 24th September, 1993.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Chennai Branch.

14 Claims

An interlabial sanitary pad comprising :

(a) an absorbent fluid pickup module configured to fit between the labia of a woman;

(b) an absorbent fluid capacity module extending from one end of said pickup module, said capacity module configured to be positioned exterior of said labia; and

(c) fluid-wicking fibers contained in both said pickup and capacity modules, said fibers capable of carrying fluid from said pickup module to said capacity module.

Ref. to US Patent : 3726277; 3983873; 4175561.

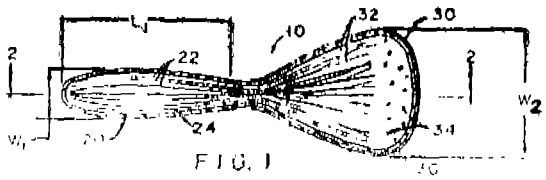


FIG. 1

(Compl. Specn. 1 pages; Drwg. 1 Sheet)

Ind. Cl. : 62 E 182088

Int. Cl.[4] : D 0 6 F 1/00.

A CLOTHES WASHING MACHINE WITH A CASING IN THE FORM OF INTERENGAGING HALF SHELLS.

Applicant : ZANUSSI ELETTRODOMESTICI S.P.A., OF VIA GIARDINI CATTANEO 3, 33170, PORDENONE, ITALY, AN ITALIAN COMPANY.

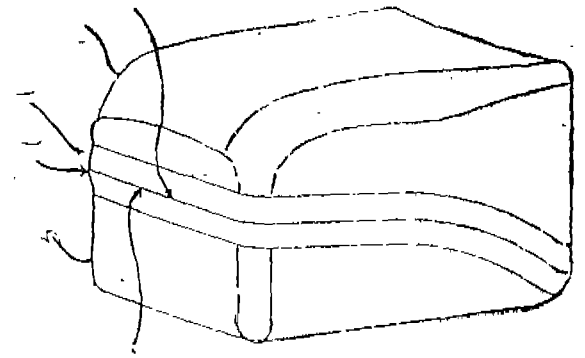
Inventor : 1. PIERRO DURAZZANI (ITALY).

Application No. 724/Mas/93 filed on 11th October, 1993.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patents Office Branch, Chennai.

10 Claims

A clothes washing machine with a casing in the form of interengaging half shells, said washing machine comprising a conventional washing unit, and an external casing composed of front, rear and side walls and a working surface, and a support base characterised in that said casing is formed by two rigid part-shell elements which are connected by inter-engagement, one of said part-shell elements constituting the front vertical portion, the front portion of the working surface, and the two front side portion of the casing, and the other part-shell element constituting the back, the two rear side portions and the rear portion of the working surface



(Compl. Specn. 10 pages; Drwgs. 3 Sheets)

Ind. Cl. : 156-E 182089

Int. Cl.[4] : B 08 B - 3/00

A DEVICE FOR SELECTIVELY DIRECTING AND CONTROLLING THE FLOW PATH OF A FLUID.

Applicant : NARAYANA THEVAR SABAPATHY, AN INDIAN CITIZEN, OF H-2/c BHARATHIDASAN COLONY, K. K. NAGAR, MADRAS-600 078, TAMIL NADU, INDIA.

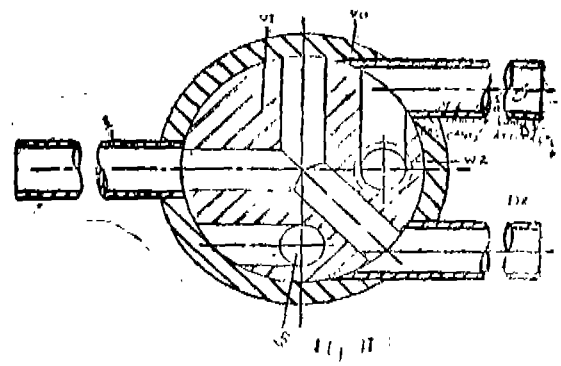
Inventor : 1. NARAYANA THEVAR SABAPATHY, INDIA.

Application No. 734/Mas/93 filed on 13th Oct, 1993

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules 1972), Patent Office, Chennai Branch.

8 Claims

A device for selectively directing and controlling the flow path of a fluid comprising the reservoir for storing the fluid, means for lifting the fluid through at least one five-way valve having five-way communication channels to a plurality of outlet means connectable to desired locations, such as herein described the said valve having an outer valve body and an inner valve core, housing the said five-way communications channels, the said inner core is connected to means, for actuating the said inner core to establish the desire passage way for the fluid to flow the said device connectable to the said locations establishing a closed circuit loop therewith.



(Compl. Specn. 13 pages; Drwgs. 2 Sheets)

Ind. Cl. : 172 D 4 182090

Int. Cl.[6] : D 01 H 1/14

BEARING FOR AN OPEN-END SPINNING ROTOR.

Applicant : RIETER INGOLSTADT SPINNEREIMASCHINENBAU AKTIENGESELLSCHAFT, A GERMAN COMPANY, OF FRIEDRICH-EBERT-STRASSE 84, 85046, INGOLSTADT, GERMANY.

Inventors :

1. KURT BEITZINGER
2. EBERHARD GRIMM
3. EDMUND SCHULLER (BOTH GERMAN CITIZENS).

Application No. 743/Mas/93 filed on 19th October, 1993.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules 1972), Patent Office, Chennai Branch.

13 Claims

A bearing for an open-end spinning rotor which is borne in the nip of support discs, the support discs being borne on a shaft carried by support disc bearings which are received by receivers on the bearing block of the bearing, wherein there are located on the support disc bearing (14) securing means (9) by way of which the support disc bearing (14) is secured to the bearing block (11).

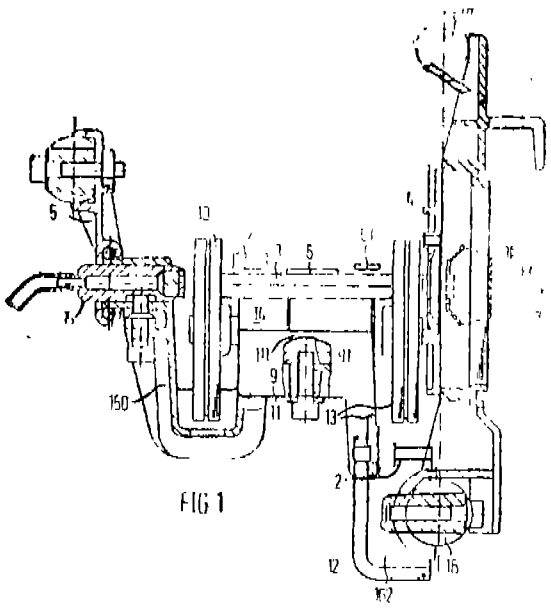


FIG 1

(Compl. Specn. 17 pages; Drwgs. 4 Sheets)

Ind. Cl. : 172 - C 2, C 5; D 2, E 182091

Int. Cl.[6] : D 01 G - 19/08; D 01 H - 9/00

AN APPARATUS FOR TRANSFERRING A LAP ROLL FROM A RESERVE POSITION TO A WORKING POSITION.

Applicant : MASCHINENFABRIK RIETER AG A BODY CORPORATE ORGANISED UNDER THE LAWS OF SWITZERLAND OF CH-8406 WINTERTHUR, SWITZERLAND.

Inventors :

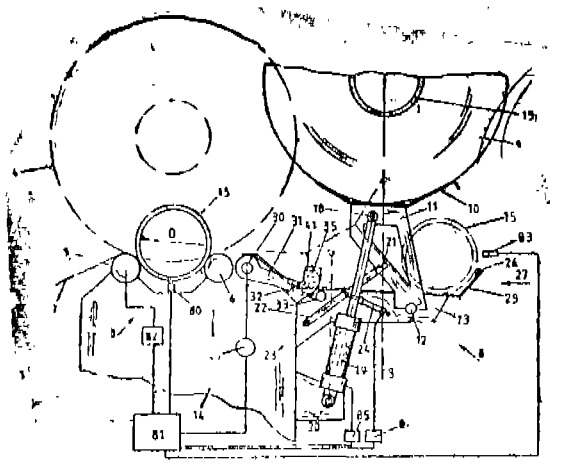
1. BROGER DAVID
2. CLEMENT HEINZ.

Application No. 665/Mas/93 filed on 22nd Sept., 1993.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Chennai Branch.

23 Claims

An apparatus for transferring a lap rool from a reserve position to a working position in a lap processing machine having a work position (3) for receiving and unwinding a lap roll (4) thereat and a reserve position (8) for receiving a reserve lap roll (9) and means for moving said reserve lap roll form said reserve position (8) to said working position (3) after the removal of the emptied tube (15) said means being pivotally mounted on the processing machine to move with a received reserve lap roll (9) thereon toward said working position to move the received lap roll from said reserve position towards said working position in a accurate manner during pivoting of said means.



(Compl. Specn 29 pages; Drwgs. 7 Sheets)

Ind. Cl. : 201 D 182092

Int. Cl.[6] : C 02 F 1/46

APPARATUS FOR DISINFECTING FLUIDS.

Applicant : ENNOTECH HOLDINGS, LIMITED, C/o CANTERPRISE, 39 CREYKE ROAD, CHRISTCHURCH, NEW ZEALAND, NEW ZEALAND COMPANY.

Inventors :

1. PATRICK SELWYN BODGER
2. PAUL TREVOR JOHNSTONE
3. ANDREW GORDON JAQUIERY.

Application No. 964/Mas/95 filed on 28th July, 1995.

Convention date 5th August, 94. No. 264188. New Zealand.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Chennai Branch.

11 Claims

Apparatus for disinfecting a continuous flow of an electrically conductive liquid, containing cells of micro-organisms, said apparatus comprising;

a container having an inlet and an outlet, through which liquid to be disinfected flows in use;

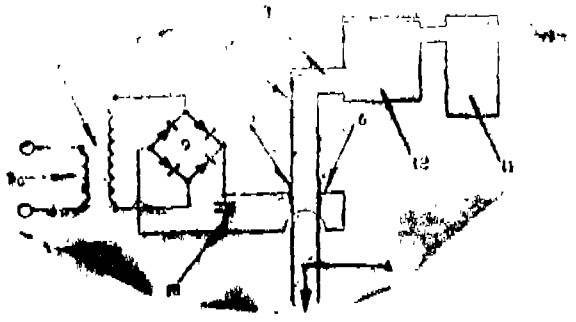
at least one pair of non-sacrificial electrodes, said electrodes being positioned in said container so that liquid flowing through the container is in contact with said electrodes,

means for applying a steady-state electric voltage across said electrodes so as to create a voltage gradient between said electrodes;

said voltage gradient being such that an arc is not struck between said electrodes but a voltage gradient of at least one volt is produced across the membrane of any cell in said liquid, causing dielectric breakdown of the cell membrane and hence electro-permeabilisation of said membrane.

Reference to U. S. Patents—3366564, 3402120.

U. K. Patents—1118492, 1108524, 1105870.



(Comp. Specn 18 Pages; Drwgs. 2 Sheets)

Ind. Cl. : 63 I 182093

Int. Cl.[4] : H 02 K 01/00; H 02 K 29/00

A DEVICE TO CONTROL THE MAGNETIC INTERACTION BETWEEN SPACED PERMANENT MAGNETS IN A MOTOR.

Applicant : FLYNN BROS., INC., A CORPORATION DULY ORGANIZED UNDER THE LAWS OF THE STATE OF MISSOURI, OF 371 N. KINGSHIGHWAY, SIKESTON, MISSOURI 663801, U. S. A.

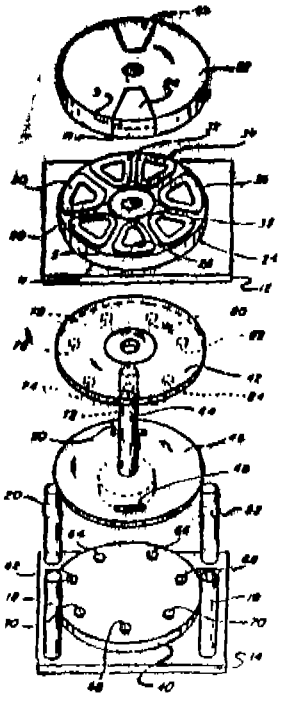
Inventors : 1. CHARLES JOSEPH FLYNN.

Application No. 430/Mas/93 filed on 22nd June, 1993.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Chennai Branch.

26 Claims

A device to control the magnetic interaction between spaced permanent magnets in a motor comprising : at least one first permanent magnet having opposite surfaces with north and south poles respectively, at least one second permanent magnet spaced from and movable relative to the first permanent magnet and having opposite surfaces with north and south poles respectively, one of which is positioned in close enough proximity to one of the surfaces of the first permanent magnet to produce magnetic interaction therebetween, at least one coil of conductive metal positioned in the space between the first and second permanent magnets, a source of electrical energy and switch means connected in series therewith across the coil whereby when the switch means are closed the electrical energy from said source is applied across the coil whereby the magnetic interaction between the first and second permanent magnets is changed, and control means to control the opening and closing of the switch means.



(Comp. Specn. 34 Pages; Drwgs. 10 Sheets)

Ind. Cl. : 83 B5 182094

Int. Cl.[4] : A 23 B 7/00.

PROCESS FOR PRODUCING DEHYDRATED VEGETABLES.

Applicant : CPC INTERNATIONAL INC., INTERNATIONAL PLAZA, P.O. BOX 8000, ENGLEWOOD CLIFFS, NEW JERSEY 07632 U.S.A.

Inventors :
(1) PERSIS JEBAKUMARI SUBRAMANIAM,
(2) IAIN CUNNINGHAM MUTTER DEA,
(3) SYLVIA ANNA JONES.

Application No. : 1197/Mas/96 filed on 8th July, 1996.

(Convention date : 18th July, 95; No. 9514646.0; United Kingdom).

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Chennai Branch.

14 Claims

A process for producing dehydrated vegetables comprising preparing the vegetables, holding the prepared vegetables for 10 to 60 minutes and at temperatures from 45° to 70°C to activate pectimethylestrase, blanching and drying, wherein the drying comprises exposure to microwave radiation at a pressure below atmospheric pressure.

(Compl. Specn. : 20 pages; Drgns. : Nil)

Ind. Cl. : 83 A 1. 182095

Int. Cl.[4] : A 23 P -1/12.

METHOD FOR MANUFACTURING FOOD PARTICLES AND A FLUID BED APPARATUS FOR THE SAME.

Applicant : SOCIETE DES PRODUITS NESTLE S. A., A SWISS BODY CORPORATE OF P.O. BOX 353, 1800 VEVEY, SWITZERLAND.

Inventors :
(1) OSVALDO GERMINI (ITALY),
(2) WERNER PFALLER (GERMANY),
(3) PAUL-HENRI POGET (SWITZERLAND).

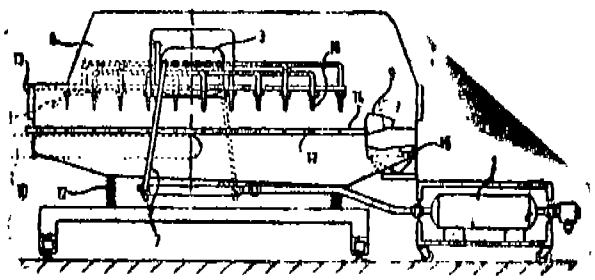
Application No. : 1497/Mas/96 filed on 26th August, 1996.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Chennai Branch.

34 Claims

A method for manufacturing food particles wherein sticky particles are dried in a fluid bed to prevent agglomeration of the particles, said method comprising supplying sticky particles to an upper surface of a perforated conveyor and advancing said sticky particles through the fluid bed, supplying drying air flow substantially upwards through the perforated conveyor to the sticky particles on it, exposing substantially from above the sticky particles to a pulsing air flow so that they are caused to move and to break up agglomerates of sticky particles, and controlling the supply of the drying and pulsing air flow, the pulsation, and the drying air temperature.

Agent : Depenning & Depenning.



(Compl. Specns. : 19 pages; Drwg. : 2 Sheets)

Ind. Cl. : 83 A 1 182096

Int. Cl.[4] : A 23 L 1/16.

PROCESS AND APPARATUS FOR THE MANUFACTURE OF NOODLES.

Applicant : SOCIETE DES PRODUITS NESTLE S. A., A SWISS BODY CORPORATE OF P.O. BOX 353, 1800 VEVEY, SWITZERLAND, A COMPANY INCORPORATED IN SWITZERLAND.

Inventors :
(1) JURG LECHTHALER,
(2) PHILIPP PAUL MEYER,
(3) OTHMAN MOHAMAD YUSOFF,
(4) LUCA RUSCONI,
(5) SHIOK, GUAT TEH.

Application No. : 1770/Mas/96 filed on 7th October, 1996.

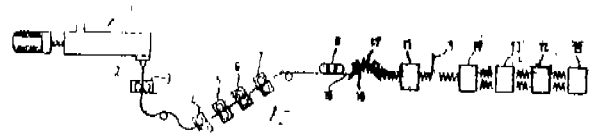
Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Chennai Branch.

16 Claims

Process for the manufacture of noodles, in which a mixture of cereal semolina or flour and water is prepared having a water content of 25-40% the mixture is converted to a band of pasta, the band is laminated and it is cut into noodles, characterized in that the mixture is prepared in a twin-screw kneader at a relative pressure of 0-1000 kPa and it is converted into a band of pasta by then pressing it through a die with an oblong outlet orifice.

Ref. : US Patent No. 5211963.

Agent : M/s. DePenning & DePenning.



(Compl. Specns. : 22 pages; Drwgs. : 5 Sheets)

Ind. Cl. : 32 F 3C 182097

Int. Cl.[4] : C 12 P 33/00.

A MICROBIAL METHOD OF IN VITRO HYDROXYLATION OF A STEROID.

Applicant : AKZO NOBEL N.V., A DUTCH COMPANY, OF VELPERWEG 76, 6824 BM ARNHEM, THE NETHERLANDS.

Inventors :
(1) MARTEN WIERSMA,
(2) PIETER VAN DER MEIJDEN. (Both Dutch National).

Application No. : 2251/Mas/96 filed on 12th December, 1996.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Chennai Branch.

6 Claims

A microbial method of in vitro hydroxylation of a steroid having an unsubstituted 11£ -position to its corresponding 11£ hydroxy analogue comprising treating the said onsubstituted steroid having a purity of less than 97% in the presence of oxygen in a known culture medium containing a micro organism selected from Aspergillus ochraceus, Aspergillus niger, Rhizopus stolonfer, Rhizopus arrhizus and strains of Pestelotia, and recovering the corresponding 11 £ hydroxy steroid from the culture medium by known means.

Agent : M/s. DePenning & DePenning.

(Compl. Specns. : 8 pages; Drwg. : Nil)

Ind. Cl. : 128 G 182098

Int. Cl.[4] : A 61 M 21/00.

AN APPARATUS FOR COOLING LIVING TISSUE IN A MAMMALIAN BODY.

Applicant : LIFE RESUSCITATION TECHNOLOGIES INC., 1510 WEST MONTANA STREET, CHICAGA, ILLINOIS 60614, U.S.A., AN U.S. COMPANY.

Inventors :
(1) RONALD M KLATZ,
(2) ROBERT M. GOLDMAN.

Both are Citizens of U.S.A.

Application No. 2266/Mas/96 filed on 13th December, 1996.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Chennai Branch.

11 Claims

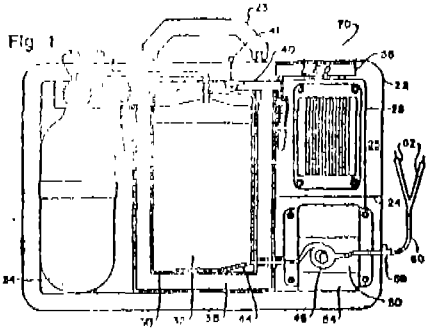
An apparatus for cooling living tissue in a mammalian body comprising at least one reservior capable of containing an intravenously biocompatible solution within said at least one reservior and said at least one reservior having a solution

outlet and an oxygen inlet separate from said solution outlet for delivery of ozygen to said at least one reservior; a chiller in heat exchange communication with said at least one reservoir; a fluid flow system in communication with said solution outlet, and menas in communication with said fluid flow system for delivering said intravenously biocompatible solution to tissues and/or organs in sad mammalian body.

Ref. to : U.S. Patent : —4378797; 4445500.

Agent : M/s. DePenning & DePenning.

Fig 1



(Compl. Specn. : 36 pages. Drwgs. : 3 Sheets)

Ind. Cl. : 83 A 1 182099

Int. Cl.[4] : A 23 L 1/16.

A PROCESS FOR THE PREPARATION OF FULLY COOKED ACIDIFIED PASTAS.

Applicant : SOCIETE DES PRODUITS NESTLE S. A., A SWISS BODY CORPORATE OF VEVEY, SWITZERLAND.

Inventors :
(1) HSU JAU YANN,
(2) GUM ERNEST KEMP,
(3) WEDRAL ELAINE REGINA,
(4) KIM HYUNG WOOK,
U.S.A. and U.C. Ctiizens.

Application No. : 955/Mas/97 filed on 6th May, 1997. U.S.A.).

(Convention date : 13th May 1996; No. 08/645462;

Appropriate Office for Opposition Proceedings (Rule 4. Patents Rules, 1972), Patent Office, Chennai Branch.

6 Claims

A process for the preparation of a fully cooked acidified pasta product comprising mixing known pasta ingredients with an encapsulated, hot water soluble/cold water insoluble edible acid, forming the dough into a pasta, steaming the pasta a first time, then treating the steamed pasta with water, afterwards steaming the pasta a second time and finally packaging the twice steamed pasta either with heat processing or under modified atmospheric conditions known in the art.

Ref. : U.S. Patent No. 4734291 & 5057330.

Agent : M/s. DePenning & DePenning.

(Compl. Specns. : 17 pages; Drwgs. : Nil)

Ind. Cl. : 55 D 1. 182100

Int. Cl.[4] : A 01 N 65/00.

A PROCESS FOR PREPARING A SYNERGISTIC COMPOSITION FOR THE CONTROL OF HOUSE DUST MITES.

Applicant : VITTAL MALLAYA SCIENTIFIC RESEARCH FOUNDATION, AN INDIAN ORGANIZATION OF P.B. NO. 406, K. R. ROAD, BANGALORE-560 004. KARNATAKA, INDIA.

Inventors :
(1) PILLARISETTI V. SUBBA RAO,
(2) RAMASAMY S. ANNADURAI,
(3) MALLADI SRINIVAS. (All Indian Nationals).

Application No. : 1882/Mas/97 , filed on 27th August 1997.

Appropriate Office for Opposition Proceedings (Rule 4 Patents Rules, 1972), Patent Office, Chennai Branch.

14 Claims

A process of preparing a synergistic composition for the control of house dust mites comprising adding :

Plant derived acaricidal agent as herein described—0.010.1% wt./vol.

Plant derived disinfactant agent as herein described—0.1 -3% wt./vol.

Plant derived protein denaturant as herein described—0.1-2% wt./vol.

fungistat agent as herein described—0.1—3% wt/vol. to 99.69 -91.9 wt./vol of dispersing agent of the kind as herein described.

Agent : M/s. ACME COMPANY, NEW DELHI.

(Compl. Specns. : 11 pages; Drwg. : Nil)

RENEWAL FEES PAID

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178889	177642	180252	180260	180257	180255	180254
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170926	171208	173261	173247	174193	177368	177645
178307	178762	179053	179547	179553	165974	175126
176127	175146	175207	175784	174181	171193	173441
177762	177878	177880	163383	164522	167911	170751
174173	174182	175025	175499	176274	177043	177053
178981	178998	179013	179081	179085	179087	179088
179092	179095	177449	179014	168064	168133	172723
172726	174646	175177	175317	176022	177280	177452
179011	179222	170230	174568	173004	172301	175711
175712	175713	169121	172783	161054	161411	161980
163054	163387	163713	163810	163832	164581	165155
165156	165157	165158	165506	165763	166312	166478
167484	171194	171782	171984	172767	172941	173401
173497	174002	174841	174906	174937	175028	175029
175185	175187	175522	175745	175801	175858	176278
176835	177055	177118	163831	163185	163719	163826
163841	164314	164416	164964	165431	165977	166666
167037	168536	169140	170349	170465	170765	170827
171013	174175	174231	174343	174777	174782	175138
175486	175573	175602	175719	176138	177060	177742
178861	160876	163903	164316	165999	166096	166189
166760	176864	172973	171043	172943	174904	175230
175240	175716	176038	176089	178172	178392	166778
167034	168042	174249	176021	176084	176090	175027
175157	175184	174211	175718	163712	175848	166662
177048	165526	166661	167310	167510	166753	167959
171786	172110	175434	176250	176700	168378	176139

177920 175847 167958 172753 170586 178260 165515
166432 166777 171351 172195 172722 172728 173984
174650 176092 176155 171012 176691 165527 174935
174936 177117 175806 177459 176711 164804 175487
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164802 169126 174008 176553 166858 171353 175748
166724 176271 171195 170749 176599 178371 178445
177457 177820 178624 167915 178684 178440 178819
170970 171346 172085 176094 170466 165341 165802
167833 169264 164758 177743 179330 170348 172634
174233 175296 176023 176129 176159 176881 177741
178155 177468 163902 172340 173935 174631 176604
176606 178393 178816 178832 178839 178840 178932
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178992 178993 179280 164806 171365 171418 174783
175137 175171 175451 175572 176173 176605 176873
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167852 170169 177314 177699 178994 178995 178997
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177191 163833 177442 165833 167014 167015 169588
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165916 175714 176070 176141 176522 176607 177443
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172732 164317 174845 178820 175841 176026 173621
171358 174647 178189 169237 176153 178457 177193.

PATENT SEALED ON 27-11-98.

180302 180310 180322* 180323* 180325 180328 180329
180330* 180331* 180333*.

CAL - NIL, DEL - 10, MUM - NIL, CHEN - NIL.

*Patent shall be deemed to be endorsed with words LICENCE OF RIGHT Under Section 87 of the Patents Act, 1970 from the date of expiration of three years from the date of sealing.

D—Drug Patents.

F—Food Patents.

REGISTRATION OF DESIGNS

The following designs have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for, in Section 50 of the Designs Act, 1911.

Class 1. No. 174481. Yamatake Honeywell Co. Ltd., a company incorporated and existing under the laws of Japan and having their regd. office at 2-1-19 Shibuya, Shinuya Ku, Tokyo, Japan. "DOUBLE SEATED CONTROL VALVE", 7th August 1997.

Class 3. No. 174487, Sonu Pencil Company, a regd. partnership firm at Barar House, 239, Abdul Rehman Street Mumbai-400 003. Maharashtra, India, "PENCIL", 8th August 1997.

Class 5. No. 174488, Sonu Pencil Company, a regd. partnership firm, Barar House, 239, Abdul Rehman Street Mumbai-400 003. Maharashtra, India. "BOX", 8th August, 1997.

Class 3. Nos. 174491 & 174492, M/s. Ankit Plastics (India) a regd. Indian partnership firm, having office at 120, Sonal Industrial Estate, Ramchandra Extension (Lane), Kachpada, Malad (West) Mumbai-400 064, Maharashtra, India. "HANGER", 8th August, 1997.

Class 3. No. 175073, M/s. Raj Oil Mills, a partnership firm regd. under Indian Partenrship Act having their office at Marol Military Road, Andheri (E) Bombay-400 059, Maharashtra, India "CONTAINER", 25th November, 1997.

Class 4. No. 175748 Giddings & Lewis Inc., 142 Doty Street, P.O. Box 590, Fond du Lac, Wisconsin 54936-0590, U.S.A., a corporation organised and existing under the laws of the State of Wisconsin "COORDINATE MEASURING MACHINE", 12th February, 1998.

Class 1. No. 173631, Tube Investments of India Limited, an Indian company of Tiam House, 28 Balaji Salai, Chennai 600 001, Tamilnadu, India, "BICYCLE FRAME", 11th April 1997.

Class 1. No. 173632, Tube Investments of India Limited, an Indian company of Tiam House, 28 Balaji Salai Chennai-600 001, Tamilnadu, India, "BICYCLE", 11th April, 1997.

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Nos. 169861, 169024, 169573, 168729, 165707 Class :—3.

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Nos. 169861, 169024, 169573, 160127, 168729, 160171, 160170, 160169, 159937, 159936, 159934, 160285. Class :—3.

Nos. 160273, 160173, 160172, 160262. Class :—10

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